



**Fig. 2**

Compensating coil MMF (Ampere-turns) vs. stroke  
at constant force of a closed-ended linear voice coil actuator

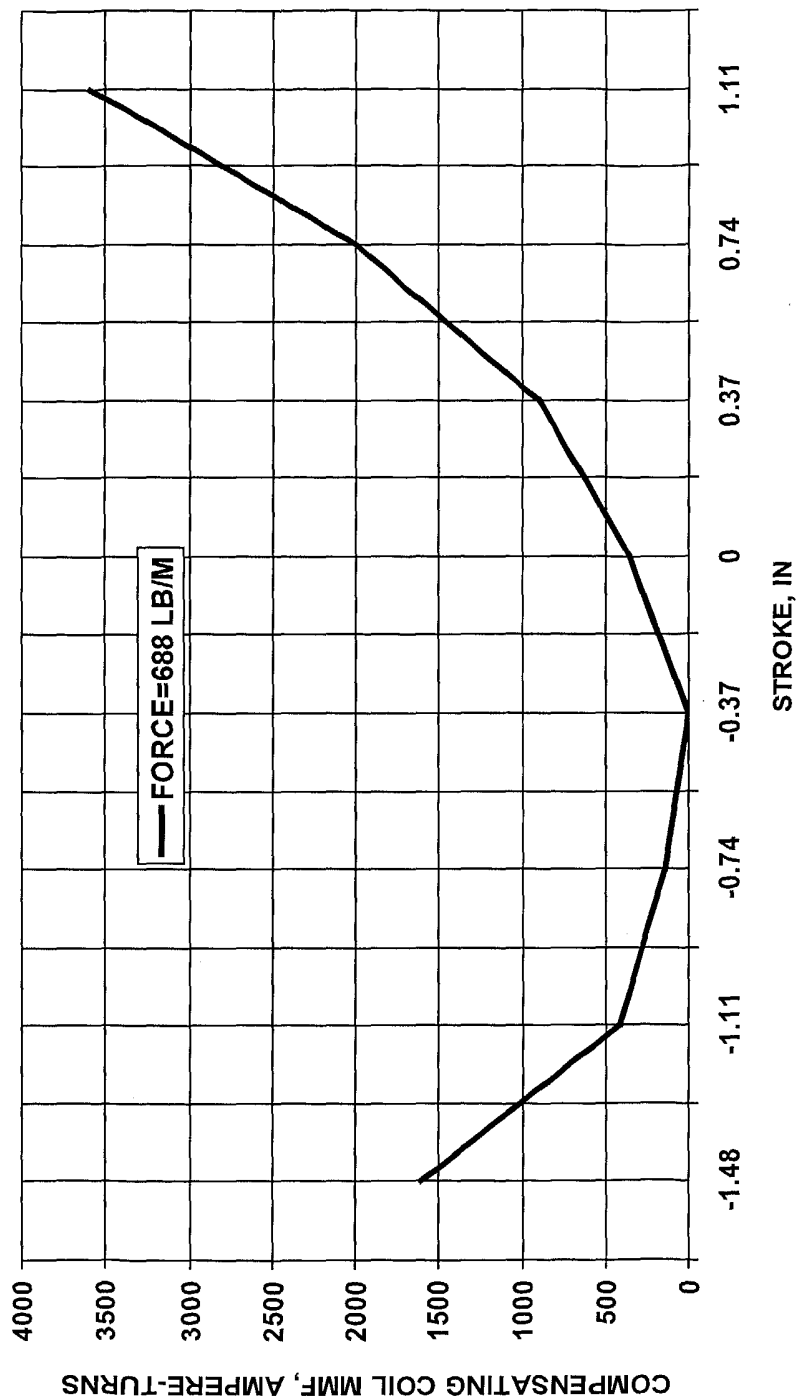


Fig. 3

Core compensating coil MMF (Ampere-turns)  
vs. stroke at constant force of a closed-ended actuator

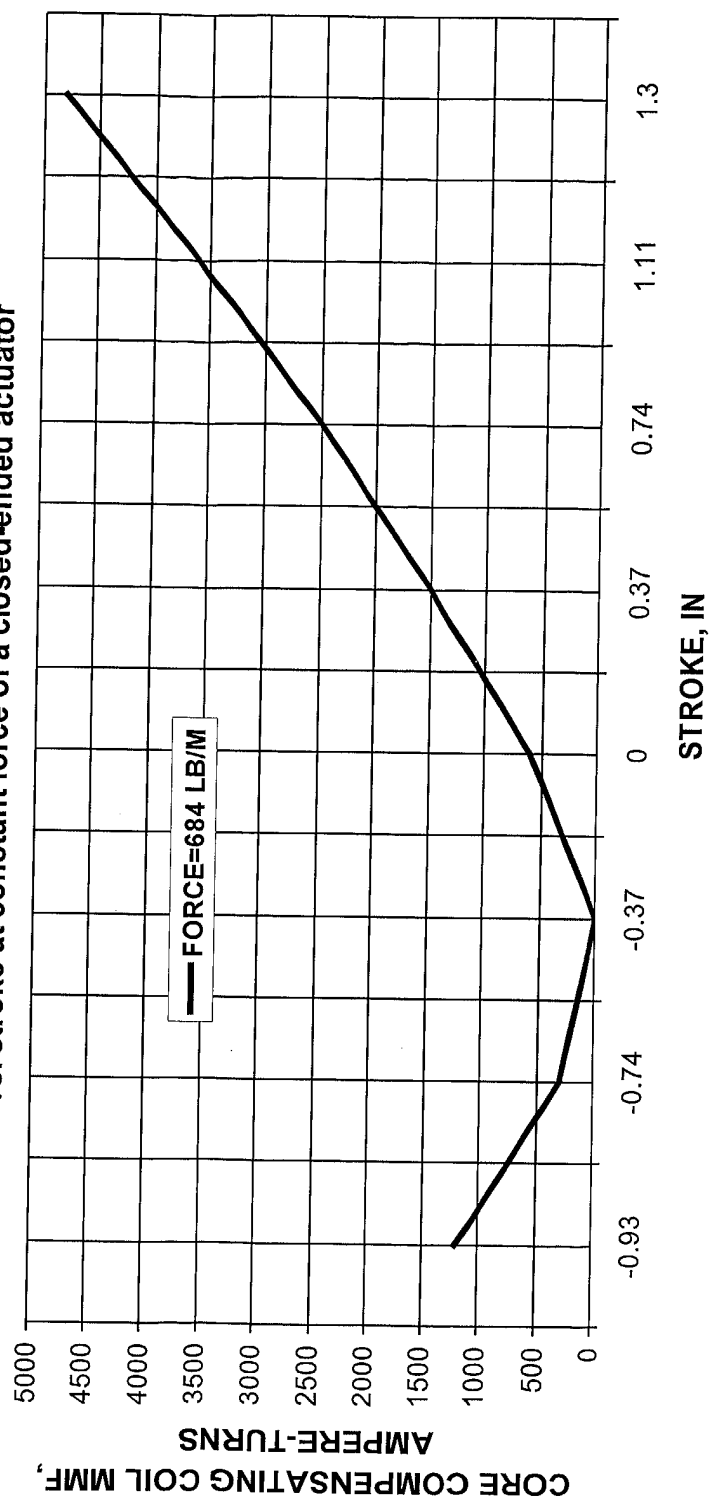


Fig. 4

new Utility Patent Application  
for LINEAR VOICE COIL ACTUATOR...  
Express Mail Label No. EK878571807US  
Attorney Docket No. 2102483-906101  
Gray Cary et al. -GTS/415-836-2576

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Force vs. stroke at different compensating MMF (A-T) values  
of a closed-ended linear voice coil actuator

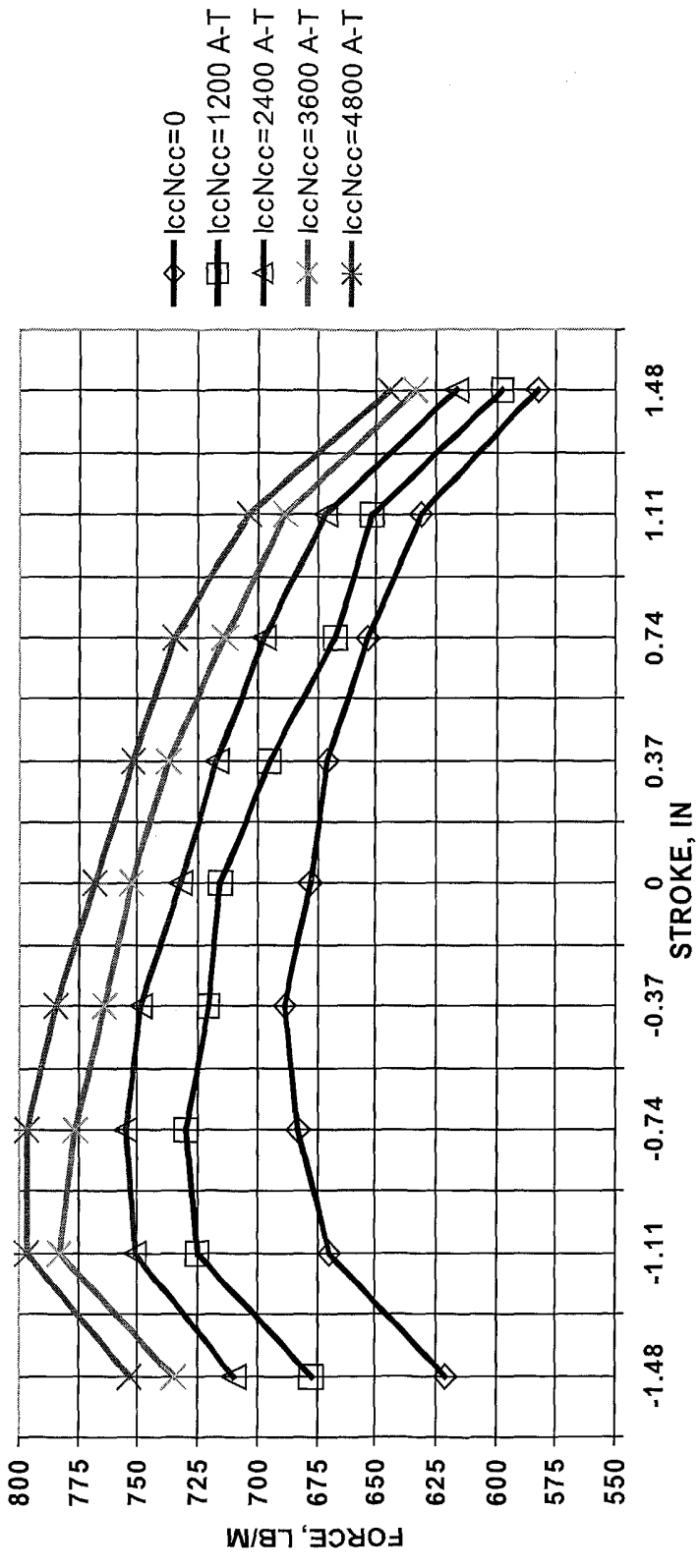


Fig. 5

Force vs. stroke at different core compensating MMF (A-T) values  
of a closed-ended linear voice coil actuator

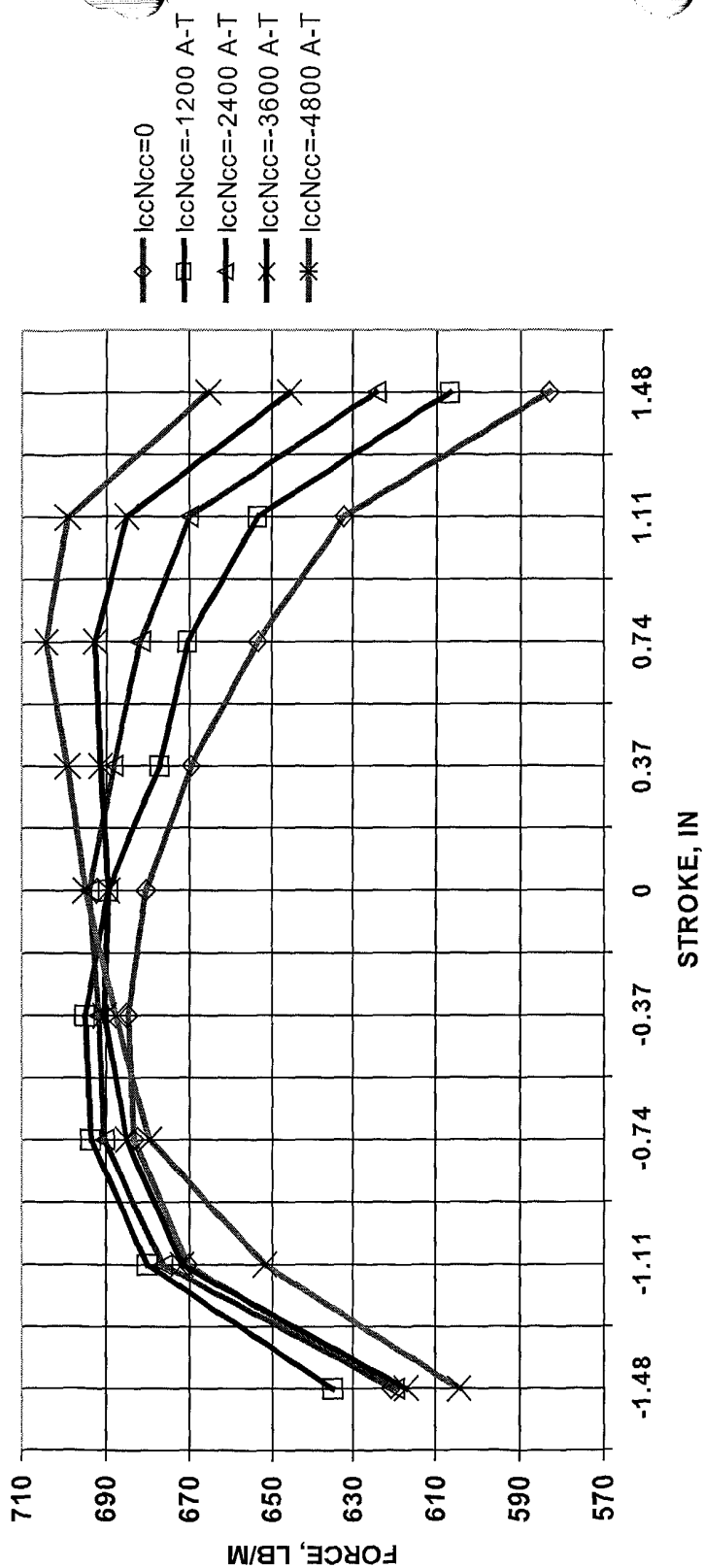


Fig. 6

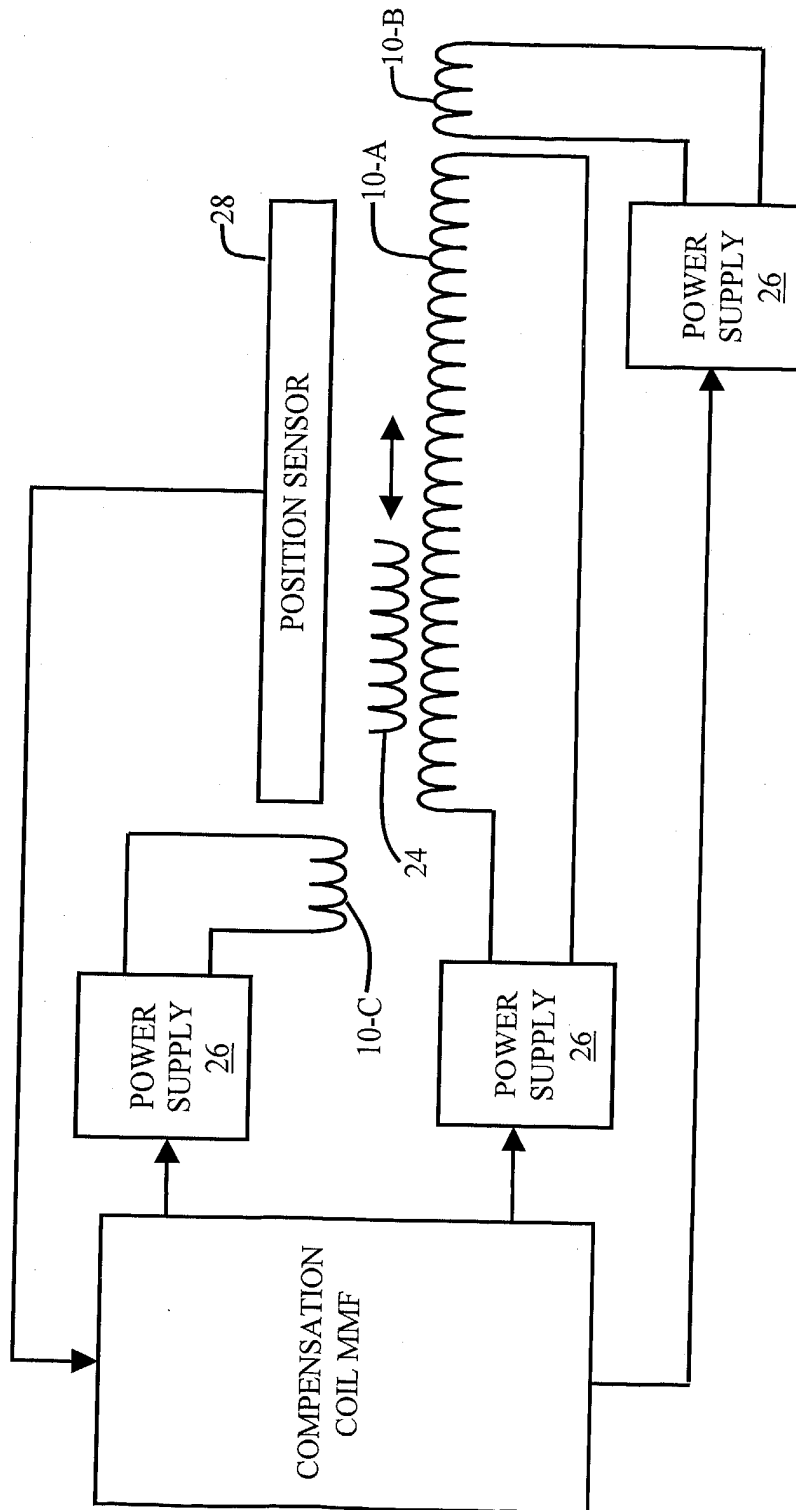


Fig. 7